

SEQUENCE LISTING

<110> Walke, D. Wade
Turner, C. Alexander Jr.
Abuin, Alejandro
Friedrich, Glenn
Zambrowicz, Brian
Sands, Arthur T.

<120> Novel Human Proteases and
Polynucleotides Encoding the Same

<130> LEX-0108-USA

<150> US 60/171,566

<151> 1999-12-22

<160> 7

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<210> 1

<211> 921

<212> DNA

<213> Homo sapiens

<400> 1

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caagtggaga	aggggttcta	tcctctggcag	gtatctctga	aacaaggga	gaagcatatt	240
tgtggaggaa	gcacgtcttc	accacagtg	gtgatcacg	cggtcactg	cattgcaaac	300
agaacaattg	tgtctacttt	gaatgttact	gctggagagt	atgacttaag	ccagacagac	360
ccaggagagc	aaactctcac	tattgaaact	gtcatcatat	atccacattt	ctccaccaag	420
aaaccaatgg	actatgatat	tgcccttttg	aagatggctg	gagccttcca	atttggccac	480
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<211> 306

<212> PRT

<213> Homo sapiens

<400> 2

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			20				25					30			
Lys	Ala	Pro	Ser	Cys	Gly	Gln	Ser	Leu	Val	Lys	Val	Gln	Pro	Trp	Asn

35 40 45
 Tyr Phe Asn Ile Phe Ser Arg Ile Leu Gly Gly Ser Gln Val Glu Lys
 50 55 60
 Gly Ser Tyr Pro Trp Gln Val Ser Leu Lys Gln Arg Gln Lys His Ile
 65 70 75 80
 Cys Gly Gly Ser Ile Val Ser Pro Gln Trp Val Ile Thr Ala Ala His
 85 90 95
 Cys Ile Ala Asn Arg Asn Ile Val Ser Thr Leu Asn Val Thr Ala Gly
 100 105 110
 Glu Tyr Asp Leu Ser Gln Thr Asp Pro Gly Glu Gln Thr Leu Thr Ile
 115 120 125
 Glu Thr Val Ile Ile His Pro His Phe Ser Thr Lys Lys Pro Met Asp
 130 135 140
 Tyr Asp Ile Ala Leu Leu Lys Met Ala Gly Ala Phe Gln Phe Gly His
 145 150 155 160
 Phe Val Gly Pro Ile Cys Leu Pro Glu Leu Arg Glu Gln Phe Glu Ala
 165 170 175
 Gly Phe Ile Cys Thr Thr Ala Gly Trp Gly Arg Leu Thr Glu Gly Gly
 180 185 190
 Val Leu Ser Gln Val Leu Gln Glu Val Asn Leu Pro Ile Leu Thr Trp
 195 200 205
 Glu Glu Cys Val Ala Ala Leu Leu Thr Leu Lys Arg Pro Ile Ser Gly
 210 215 220
 Lys Thr Phe Leu Cys Thr Gly Phe Pro Asp Gly Gly Arg Asp Ala Cys
 225 230 235 240
 Gln Gly Asp Ser Gly Gly Ser Leu Met Cys Arg Asn Lys Lys Gly Ala
 245 250 255
 Trp Thr Leu Ala Gly Val Thr Ser Trp Gly Leu Gly Cys Gly Arg Gly
 260 265 270
 Trp Arg Asn Asn Val Arg Lys Ser Asp Gln Gly Ser Pro Gly Ile Phe
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<211> 909

<212> DNA

<213> Homo sapiens

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ggttccctac	cctggcaggt	atctctgaaa	caaaggcaga	agcatatttg	tggagggaagc	240
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tctactttga	atgttactgc	tggagagtat	gacttaagcc	agacagagccc	aggagagcaa	360
actctcacta	ttgaaactgt	catcatacat	ccacatttct	ccaccaagaa	accaatggac	420
tatgatattg	cccttttgaa	gatggctgga	gccttccaat	tgggccactt	tgtggggccc	480
atatgtcttc	cagagctgcg	ggagcaattt	gaggctgggt	ttatttgtac	aactgcaggc	540
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ggagggtcac	tcattgtccg	gaataagaaa	ggggccttga	ctctggctgg	tgtgacttcc	780
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900
909

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<213> Homo sapiens

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Cys Gly Gln Ser Leu Val Lys Val Gln Pro Trp Asn Tyr Phe Asn Ile
35 40 45
Phe Ser Arg Ile Leu Gly Gly Ser Gln Val Glu Lys Gly Ser Tyr Pro
50 55 60
Trp Gln Val Ser Leu Lys Gln Arg Gln Lys His Ile Cys Gly Gly Ser
65 70 75 80
Ile Val Ser Pro Gln Trp Val Ile Thr Ala Ala His Cys Ile Ala Asn
85 90 95
Arg Asn Ile Val Ser Thr Leu Asn Val Thr Ala Gly Glu Tyr Asp Leu
100 105 110
Ser Gln Thr Asp Pro Gly Glu Gln Thr Leu Thr Ile Glu Thr Val Ile
115 120 125
Ile His Pro His Phe Ser Thr Lys Lys Pro Met Asp Tyr Asp Ile Ala
130 135 140
Leu Leu Lys Met Ala Gly Ala Phe Gln Phe Gly His Phe Val Gly Pro
145 150 155 160
Ile Cys Leu Pro Glu Leu Arg Glu Gln Phe Glu Ala Gly Phe Ile Cys
165 170 175
Thr Thr Ala Gly Trp Gly Arg Leu Thr Glu Gly Gly Val Leu Ser Gln
180 185 190
Val Leu Gln Glu Val Asn Leu Pro Ile Leu Thr Trp Glu Glu Cys Val
195 200 205
Ala Ala Leu Leu Thr Leu Lys Arg Pro Ile Ser Gly Lys Thr Phe Leu
210 215 220
Cys Thr Gly Phe Pro Asp Gly Gly Arg Asp Ala Cys Gln Gly Asp Ser
225 230 235 240
Gly Gly Ser Leu Met Cys Arg Asn Lys Lys Gly Ala Trp Thr Leu Ala
245 250 255
Gly Val Thr Ser Trp Gly Leu Gly Cys Gly Arg Gly Trp Arg Asn Asn
260 265 270
Val Arg Lys Ser Asp Gln Gly Ser Pro Gly Ile Phe Thr Asp Ile Ser
275 280 285
Lys Val Leu Ser Trp Ile His Glu His Ile Gln Thr Gly Asn
290 295 300

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<212> DNA
<213> Homo sapiens

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60
120

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 ctgcctattt tgacctggga agagtgtgtg gcagctctgt taactactaa gagggccatc 240
 agtgggaaga cctttctttg cacaggtttt cctgatggag ggagagacgc atgtcaggga 300
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 Glu Ala Gly Phe Ile Cys Thr Thr Ala Gly Trp Gly Arg Leu Thr Glu
 35 40 45
 Gly Gly Val Leu Ser Gln Val Leu Gln Glu Val Asn Leu Pro Ile Leu
 50 55 60
 Thr Trp Glu Glu Cys Val Ala Ala Leu Leu Thr Leu Lys Arg Pro Ile
 65 70 75 80
 Ser Gly Lys Thr Phe Leu Cys Thr Gly Phe Pro Asp Gly Gly Arg Asp
 85 90 95
 Ala Cys Gln Gly Asp Ser Gly Gly Ser Leu Met Cys Arg Asn Lys Lys
 100 105 110
 Gly Ala Trp Thr Leu Ala Gly Val Thr Ser Trp Gly Leu Gly Cys Gly
 115 120 125
 Arg Gly Trp Arg Asn Asn Val Arg Lys Ser Asp Gln Gly Ser Pro Gly
 130 135 140
 Ile Phe Thr Asp Ile Ser Lys Val Leu Ser Trp Ile His Glu His Ile
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 Gln Thr Gly Asn

<210> 7
 <211> 1568
 <212> DNA
 <213> Homo sapiens

<400> 7
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 ggaactggctc aaagccttctc tatttttgtt tgccttagtc tctctaaaaat ttcaggggaa 240
 aactatgagt ctcaaaatgc ttataagcag gaacaagctg attttactac taggaatagt 300
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gaggcccatc	agtgggaaga	cctttctttg	cacaggtttt	cctgatggag	ggagagacgc	960
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